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Docket No.: 37354-229

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
HAJI-SHEIKH, MICHAEL J., et al. :
Serial No.: 10/011,543 : Group Art Unit: 2862
Filed: December 05, 2001 : Examiner: R. Aurora
For: MAGNETORESISTIVE SPEED AND DIRECTION SENSING METHOD AND
APPARATUS

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

CERTIFICATION PARAGRAPH

The undersigned certifies that, to the best of his knowledge, each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement as described in 37 CFR 1.97(e)(1).

Each reference was cited in a corresponding foreign application search report or office action. A copy of the foreign search report or office action is attached for the Examiner's information.

The two U.S. patents cited were issued within the past three months.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Wei-Chen Chen

Recognition under 37 CFR §10.9(b)

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Date: June 25, 2003